

L17 ANSWER 1 OF 11 WPINDEX COPYRIGHT 2000 DERWENT INFORMATION LTD
AN 2000-298737 [26] WPINDEX *In Japanese
DNC C2000-090705

TI Resin compositions for coatings - comprises an acrylic resin, an organoalkoxysilane and an aluminum chelate in water.

DC A14 A21 A82 E19 G02
PA (TORA) TORAY IND INC
CYC 1
PI **JP 2000086968** A 20000328 (200026)* 9p
ADT JP 2000086968 A JP 1998-258076 19980911
PRAI JP 1998-258076 19980911
AB JP2000086968 A UPAB: 20000613

NOVELTY - A resin composition for a coating contains (A)an acrylic resin bearing both epoxy and hydroxyl groups in the branch (100 weight parts(pbw)), (B)an organoalkoxysilane compound bearing both glycidyl and hydrolysable alkoxysilane groups in the molecule (0.05-100 pbw), (C)an aluminium chelate compound (0.01-10 pbw) and (D)water (0.01-10 pbw).

USE - The resin compositions are useful for base and top coatings for acrylonitrile butadiene styrene (ABS), polystyrene, polycarbonate, nylon, optionally chemically treated or cationically or anionically electrodeposition-coated iron, aluminium, galvanised sheet iron and thin plates, mortar, cement, asbestos cement, asbestos cement perlite, brick, roof tiles and slate and thus for plastic parts and metal materials for cars and motorcycles, plastic parts and metal members for household electric appliances, external wall materials such as siding boards, curtain walls and aluminium sashes and roof tiles.

ADVANTAGE - The resin compositions, especially one pack ones, for coatings have excellent curing characteristics at a low temperature of less than or equalling 80 deg. C and storage stability and a balance among adhesion properties, appearance and weather, chemical and solvent resistance.

Dwg.0/0